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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

9-12-2020

2020-09-12_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Coronavirus

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Michigan Data

**DATA
ABOUT
PLACES****LONG TERM
CARE
FACILITIES****CORONAVIRUS CUMULATIVE
SYMPTOMS RECOVERED****OUTBREAK
REPORTING**

Note on deaths (09/12/20): Regular reviews of death certificate data maintained in Vital Records reporting systems are conducted by MDHHS staff three times per week. As a part of this process, records that identify COVID-19 infection as a contributing factor to death are compared against all laboratory confirmed cases of COVID-19 in the Michigan Disease Surveillance System (MDSS). If a death certificate is matched to a confirmed COVID-19 case and that record in the MDSS does not indicate the individual died, the MDSS record is updated to indicate the death and the appropriate local health department is notified. These matched deaths are then included with mortality information posted to the Michigan Coronavirus website. As a result of the most recent assessment, today's data includes **14** additional deaths identified by this methodology. Corrections made by local health departments to the provisional data resulted in a net daily count of 13 deaths.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday - Saturday.

Cumulative Total of Recovered COVID-19 Cases

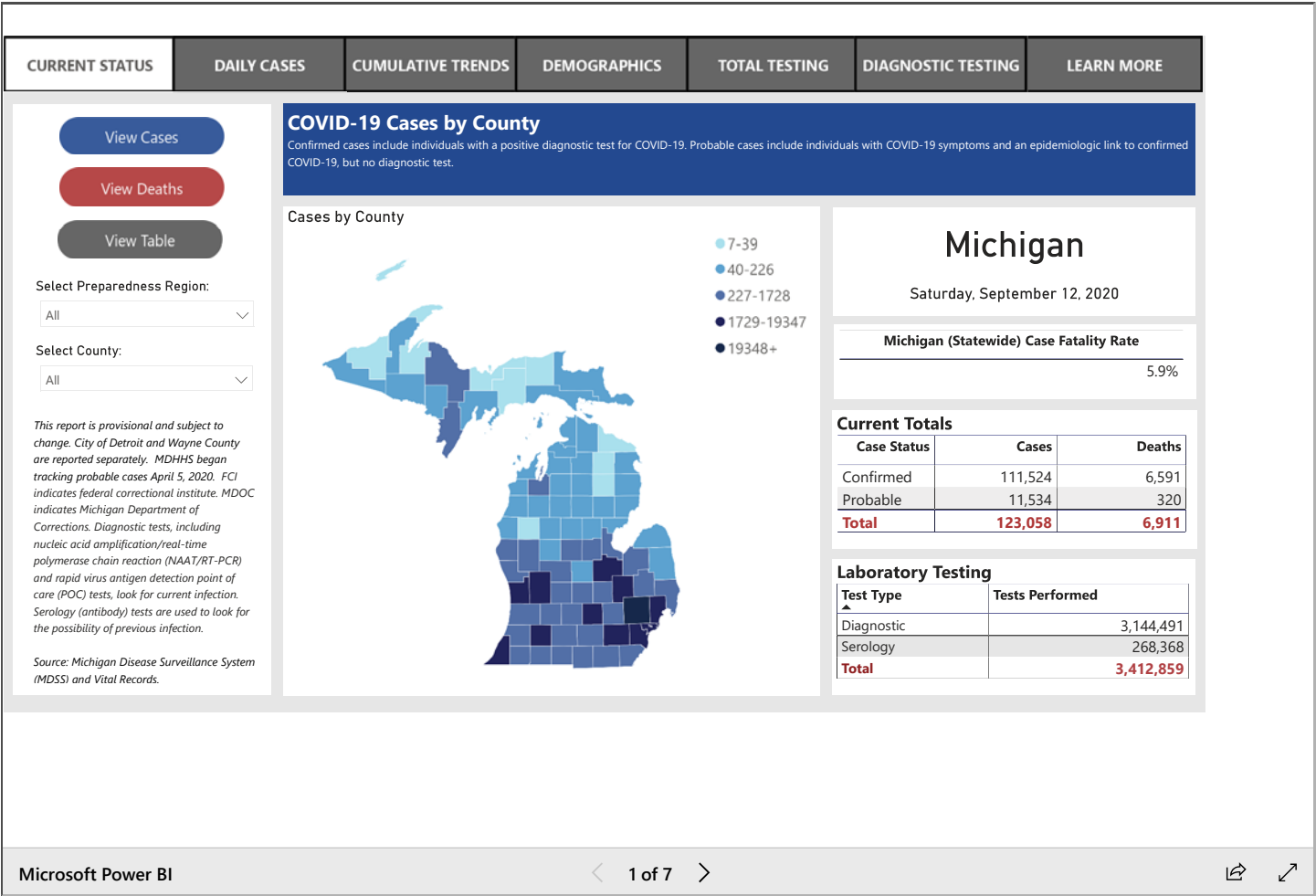
Cumulative Total of Recovered COVID-19 Cases (as of 09/11/2020): **85,513**

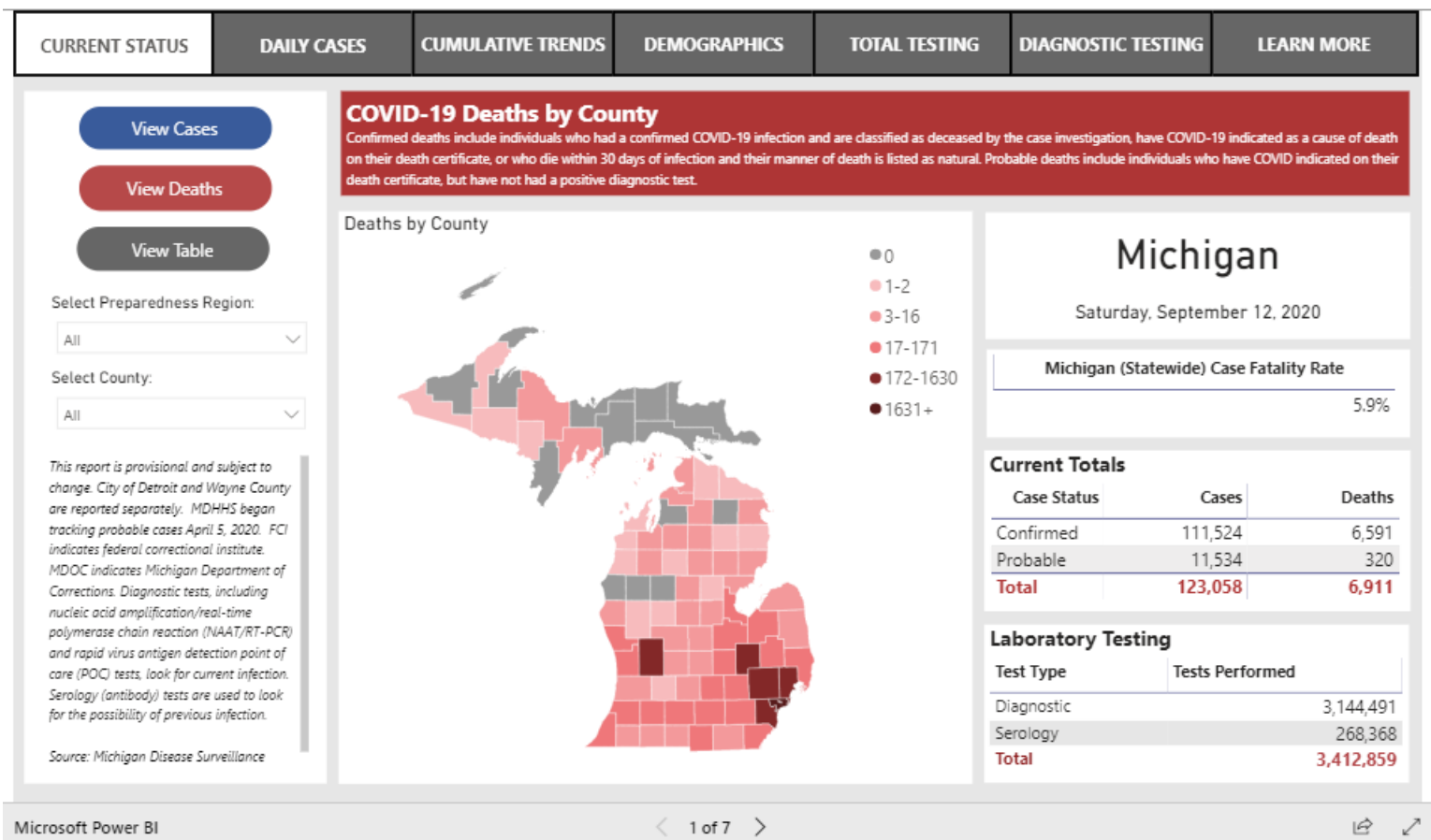
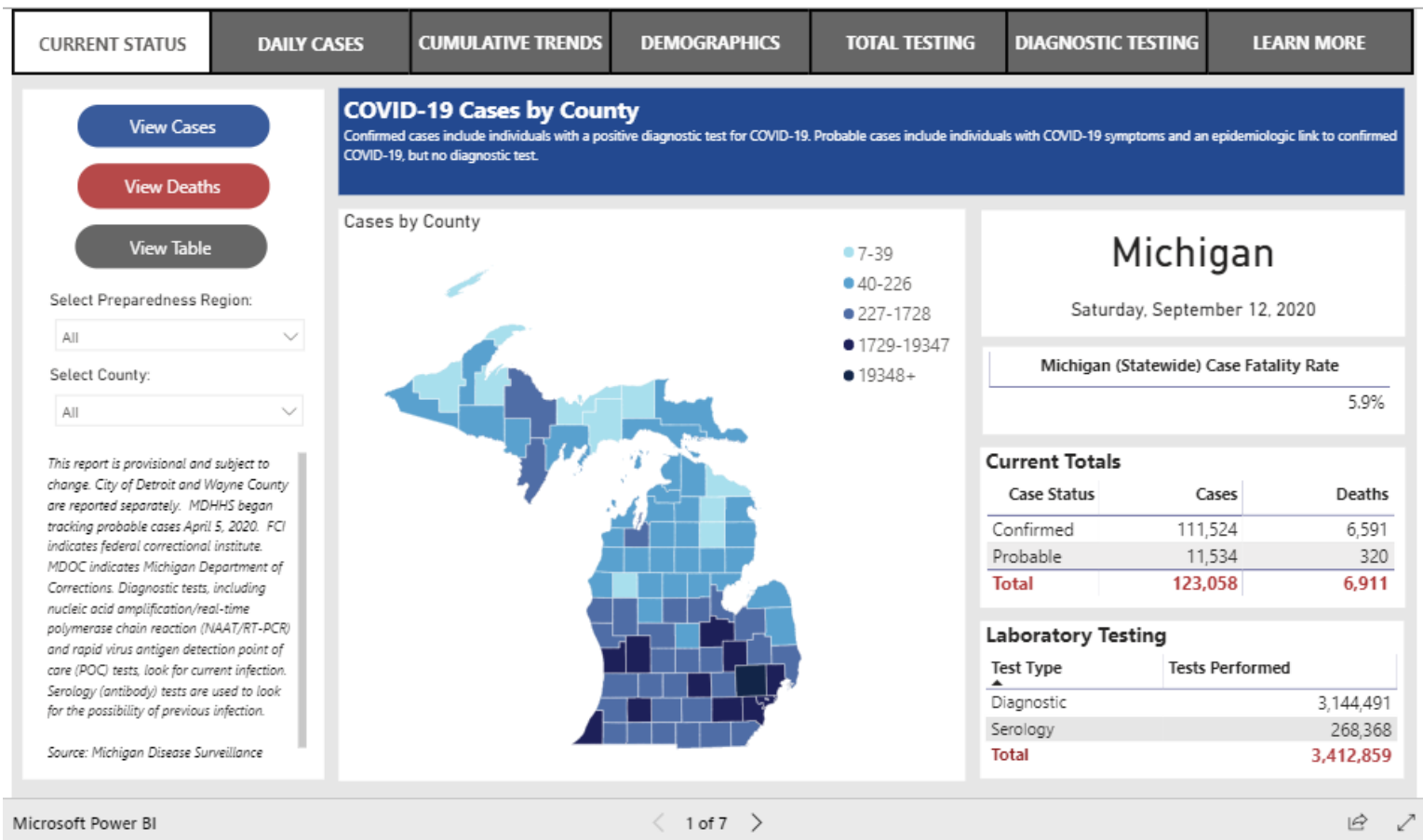
Note on recovery: During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on September 11, 2020 represents COVID-19 confirmed individuals with an onset date on or prior to August 12, 2020. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

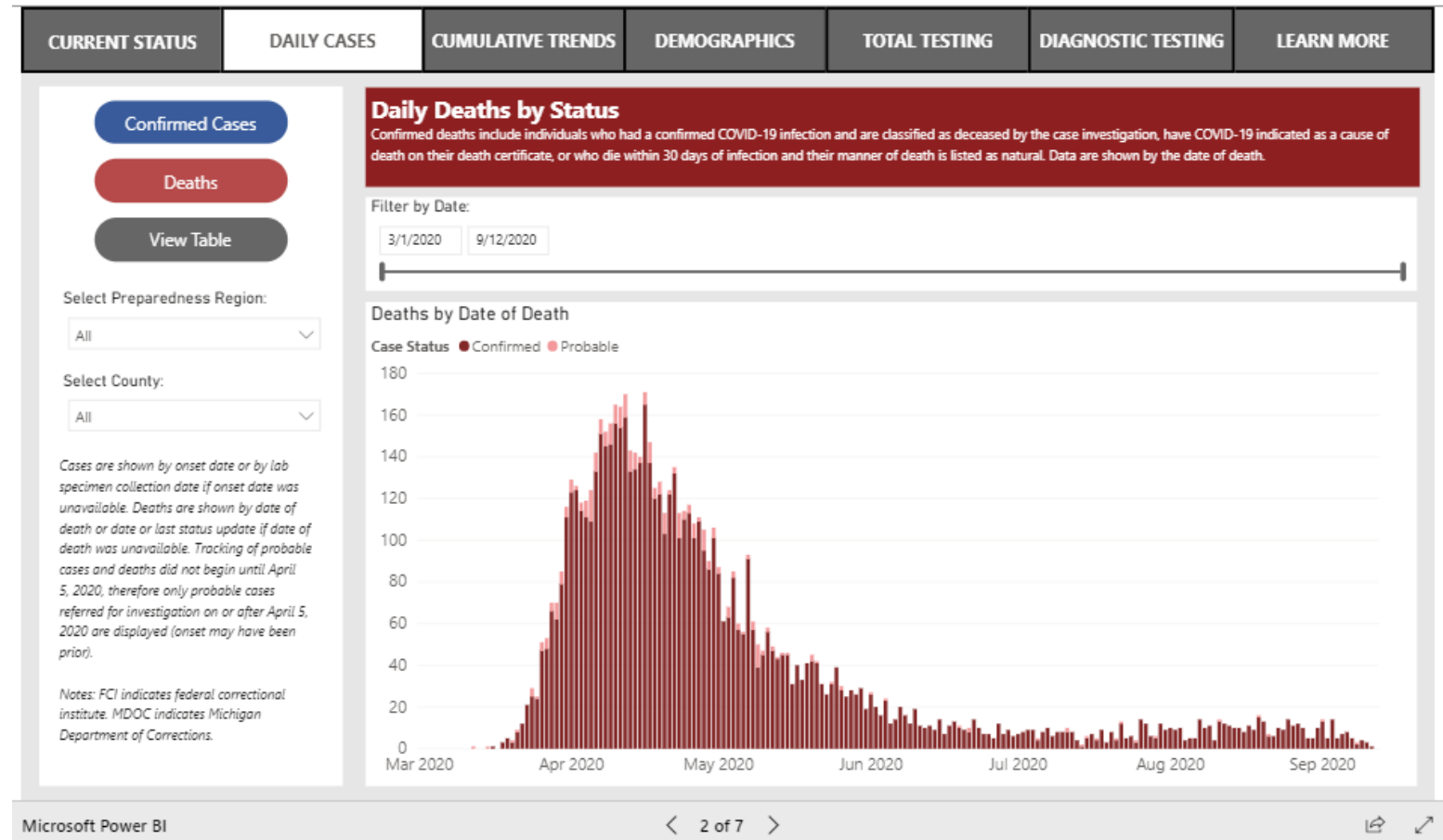
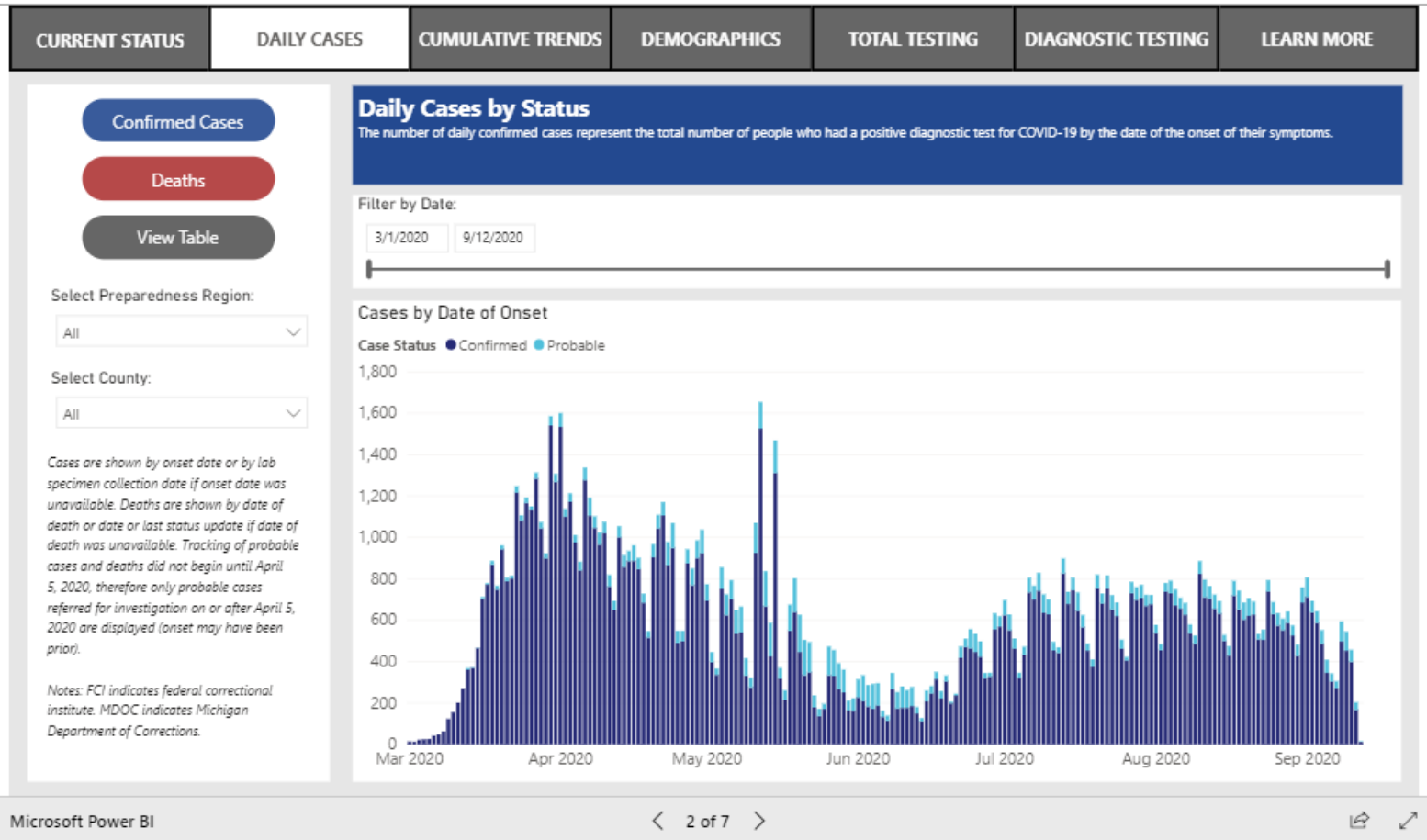
Source: Michigan Disease Surveillance System and Vital Records

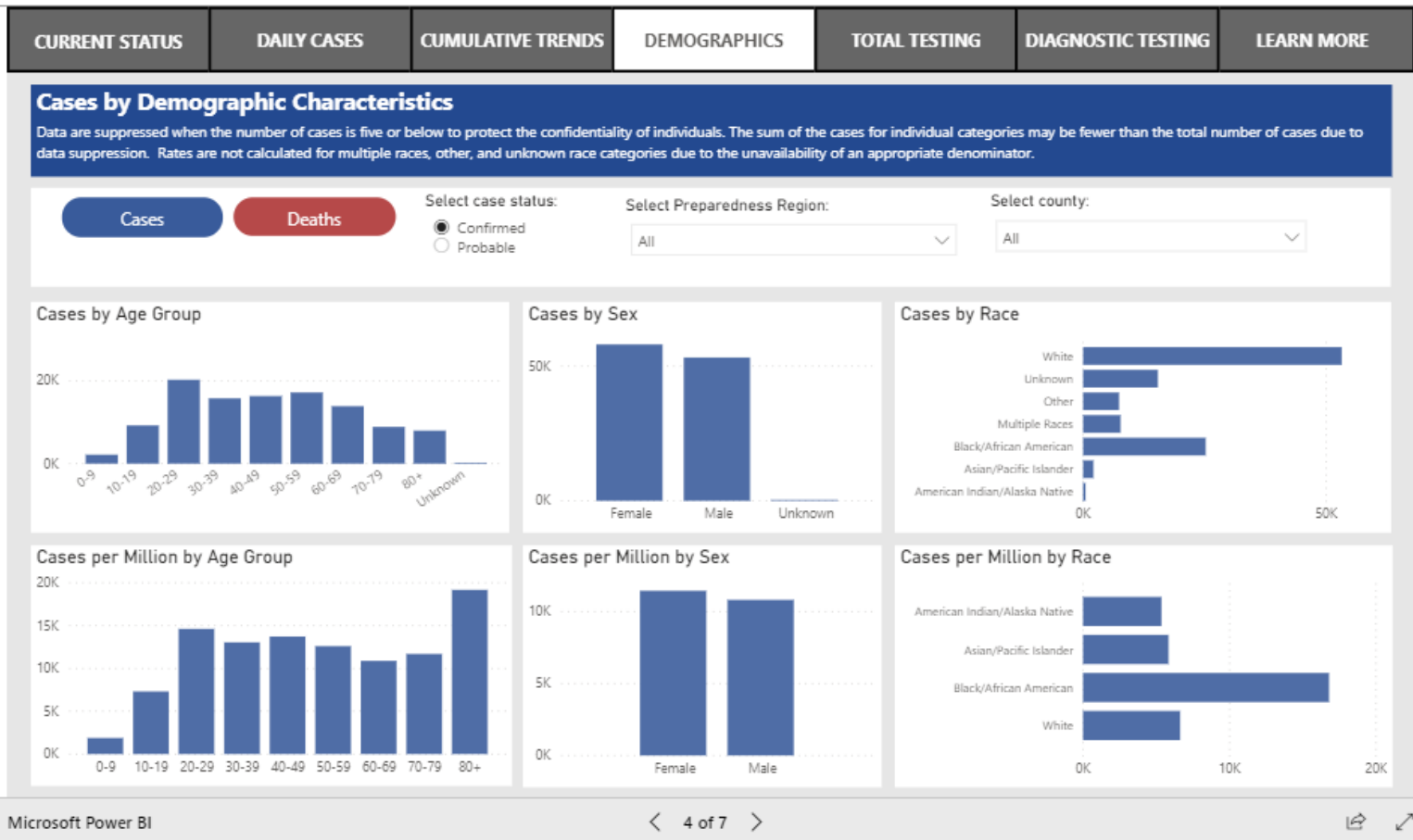
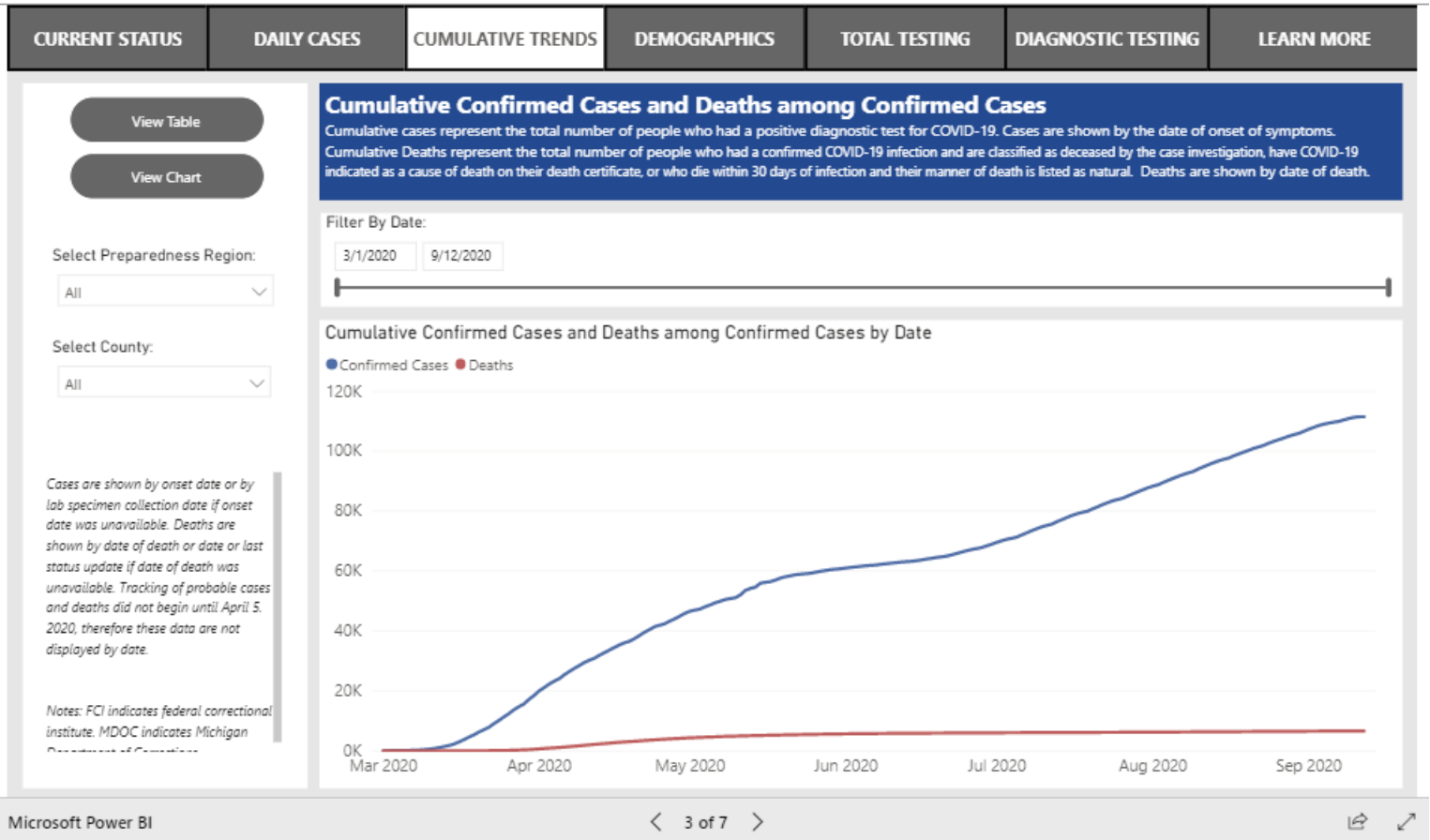


Have questions?
Chat with Robin

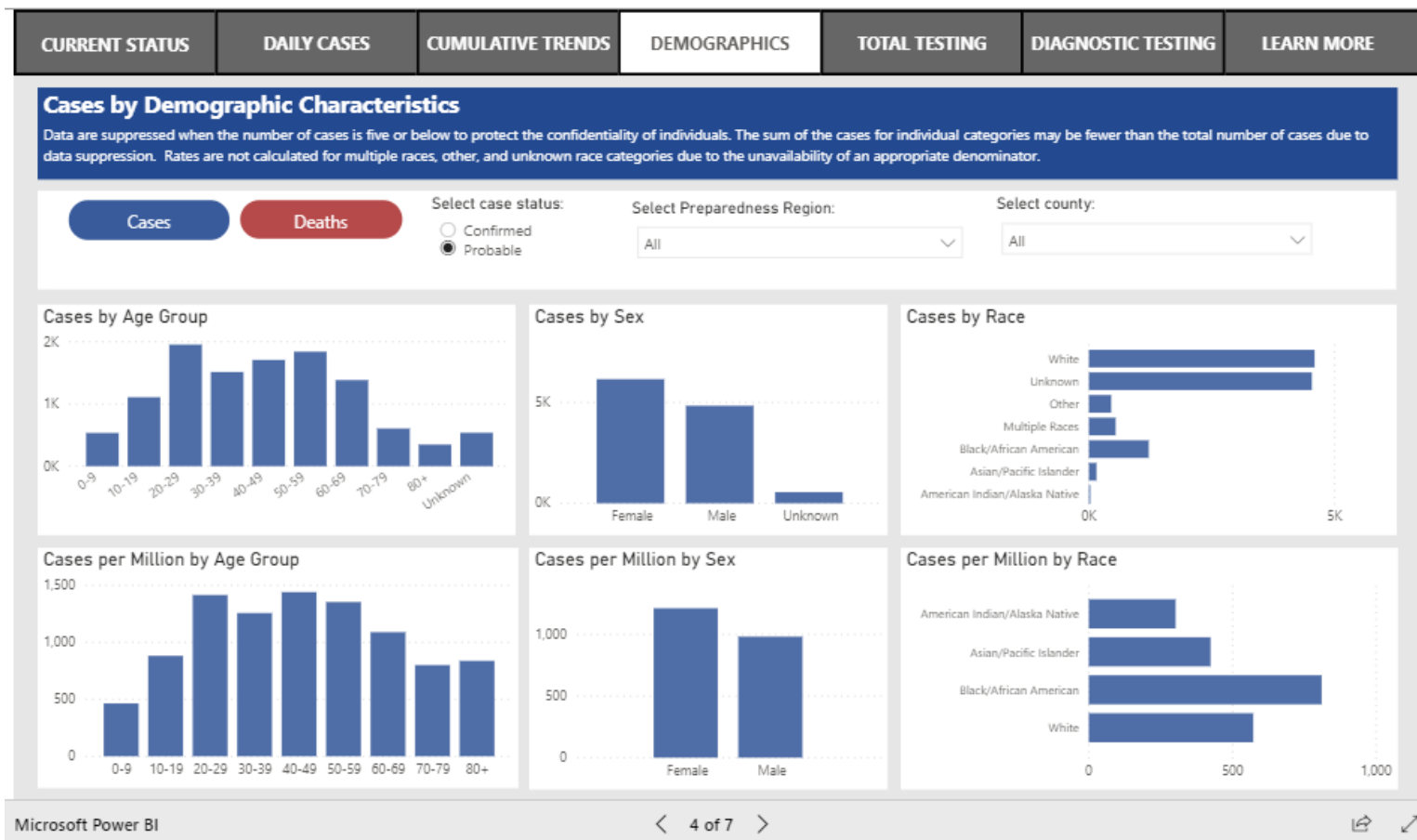


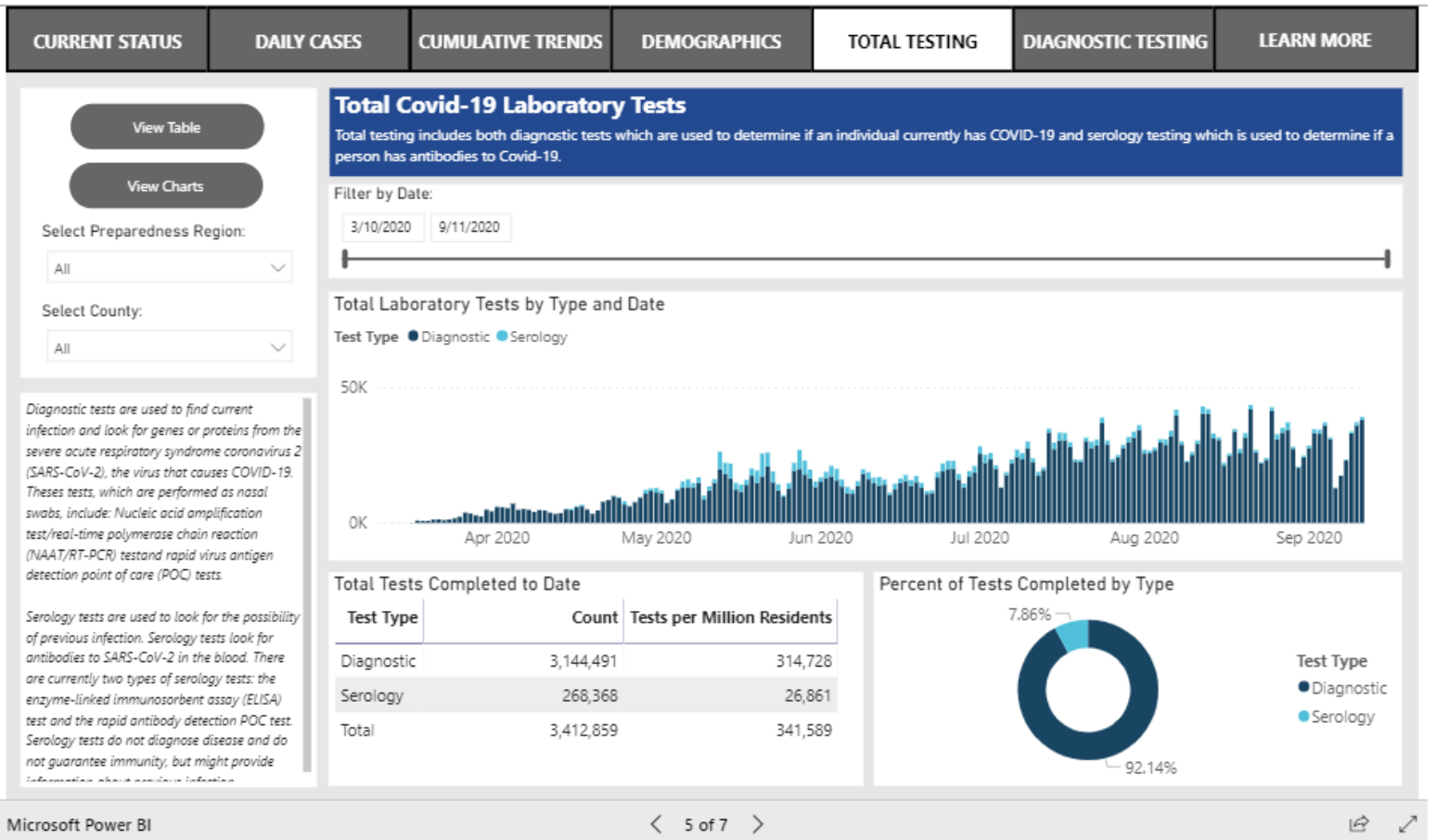
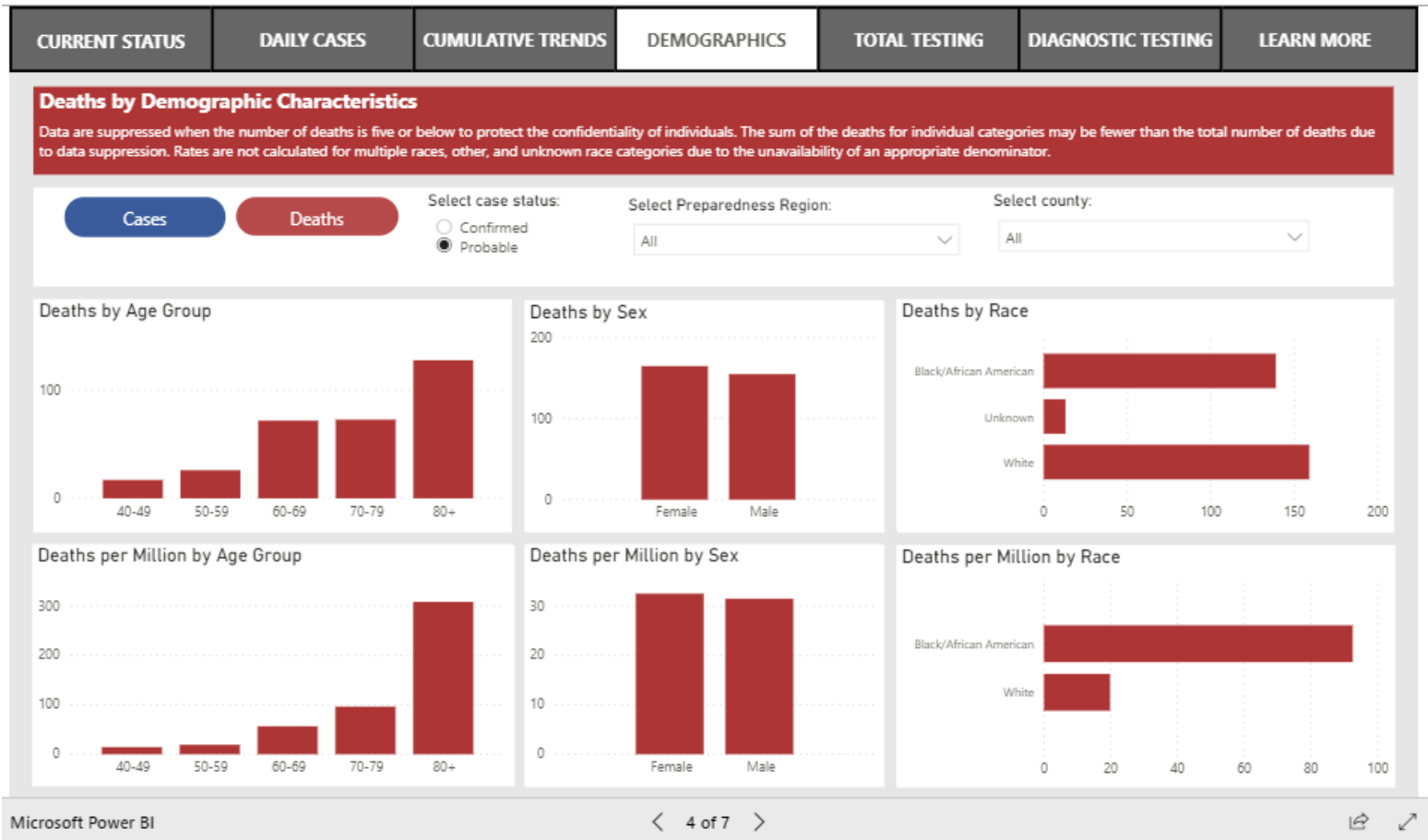




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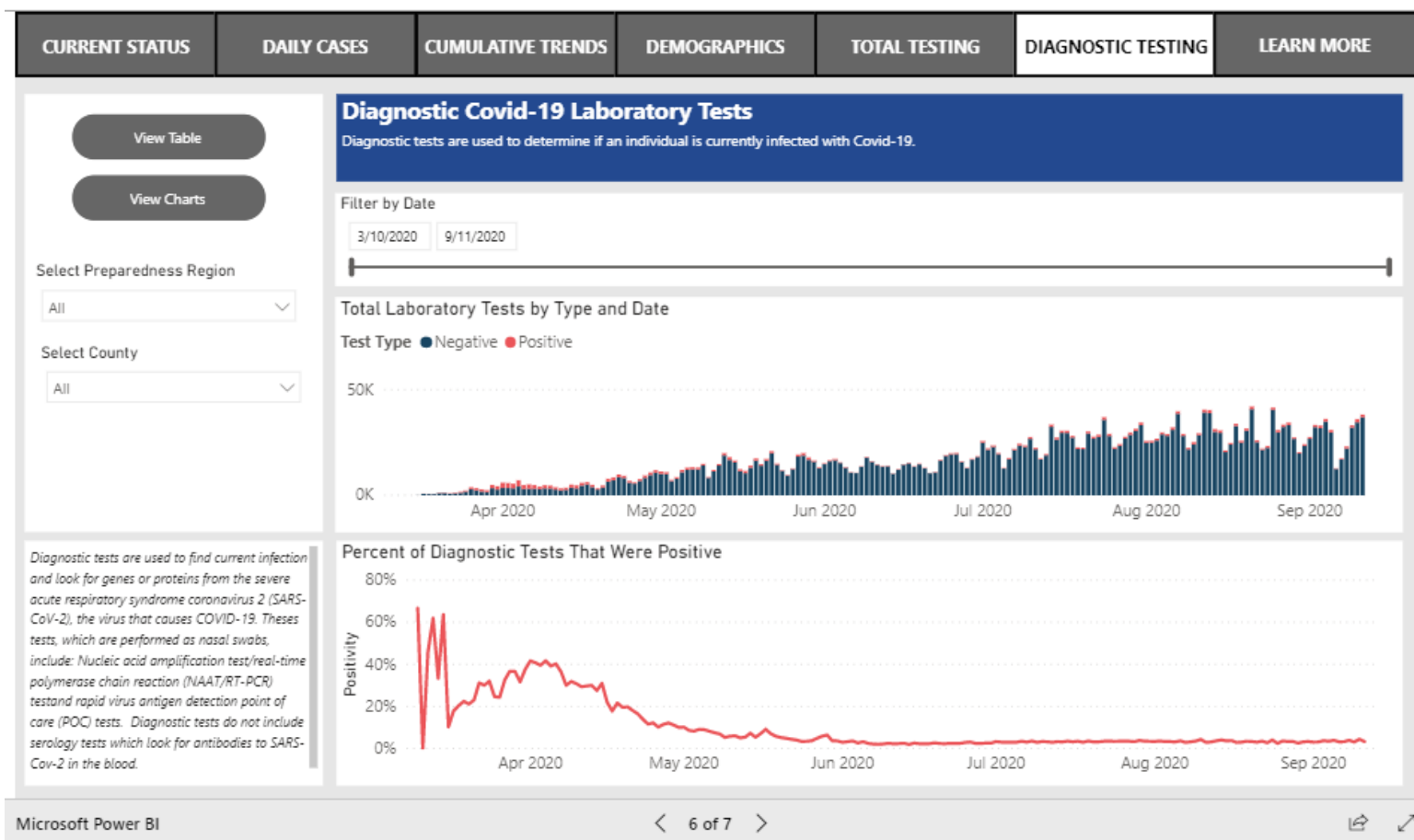
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CURRENT STATUS	DAILY CASES	CUMULATIVE TRENDS	DEMOGRAPHICS	TOTAL TESTING	DIAGNOSTIC TESTING	LEARN MORE
<p>Where does the data come from?</p> <p>The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the Michigan Disease Surveillance System (MDSS). Provisional Death data are provided by the MDHHS Division for Vital Records & Health Statistics.</p> <p>How does MDHHS classify confirmed and probable cases?</p> <p>Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.</p> <p>How does MDHHS classify confirmed and probable deaths?</p> <p>Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.</p> <p>Why do the number of probable cases fluctuate?</p> <p>The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.</p> <p>Why do data in the demographics tab not sum to the total number of cases for a county or region?</p> <p>Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.</p> <p>Where can I get more information about COVID-19?</p> <p>Visit https://www.michigan.gov/coronavirus to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit https://www.cdc.gov/coronavirus/2019-ncov.</p>						

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PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county.

County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2020-09-12

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2020/09/12 13:36:41	Alcona	33	2	7	0
2020/09/12 13:36:41	Alger	16	0	1	0
2020/09/12 13:36:41	Allegan	615	7	79	0
2020/09/12 13:36:41	Alpena	118	14	14	0
2020/09/12 13:36:41	Antrim	57	0	7	0
2020/09/12 13:36:41	Arenac	59	3	7	0
2020/09/12 13:36:41	Baraga	7	0	3	0
2020/09/12 13:36:41	Barry	228	2	29	0
2020/09/12 13:36:41	Bay	813	46	90	0
2020/09/12 13:36:41	Benzie	59	2	4	0
2020/09/12 13:36:41	Berrien	1541	72	188	0
2020/09/12 13:36:41	Branch	496	4	49	0
2020/09/12 13:36:41	Calhoun	1010	43	120	1
2020/09/12 13:36:41	Cass	431	16	35	0
2020/09/12 13:36:41	Charlevoix	78	3	11	0
2020/09/12 13:36:41	Cheboygan	71	2	15	0
2020/09/12 13:36:41	Chippewa	44	0	22	0
2020/09/12 13:36:41	Clare	97	4	10	0
2020/09/12 13:36:41	Clinton	512	13	79	0
2020/09/12 13:36:41	Crawford	107	5	9	0
2020/09/12 13:36:41	Delta	180	4	31	0
2020/09/12 13:36:41	Dickinson	72	2	1	0
2020/09/12 13:36:41	Eaton	503	10	66	0
2020/09/12 13:36:41	Emmet	125	4	10	0
2020/09/12 13:36:41	Genesee	3349	280	755	26
2020/09/12 13:36:41	Gladwin	76	2	8	0
2020/09/12 13:36:41	Gogebic	139	1	10	0
2020/09/12 13:36:41	Grand Traverse	377	7	55	0
2020/09/12 13:36:41	Gratiot	190	15	26	0
2020/09/12 13:36:41	Hillsdale	287	26	26	1
2020/09/12 13:36:41	Houghton	169	1	41	0
2020/09/12 13:36:41	Huron	173	5	32	0
2020/09/12 13:36:41	Ingham	2470	42	55	0
2020/09/12 13:36:41	Ionia	302	7	36	0
2020/09/12 13:36:41	Iosco	133	11	34	1
2020/09/12 13:36:41	Iron	45	1	3	0
2020/09/12 13:36:41	Isabella	545	10	61	0
2020/09/12 13:36:41	Jackson	907	41	23	1
2020/09/12 13:36:41	Kalamazoo	1987	88	289	3
2020/09/12 13:36:41	Kalkaska	62	4	13	0
2020/09/12 13:36:41	Kent	8249	169	760	3
2020/09/12 13:36:41	Keweenaw	5	0	2	0
2020/09/12 13:36:41	Lake	31	0	1	0
2020/09/12 13:36:41	Lapeer	479	36	86	1
2020/09/12 13:36:41	Leelanau	95	1	8	0
2020/09/12 13:36:41	Lenawee	684	14	46	0
2020/09/12 13:36:41	Livingston	1056	28	186	1

2020/09/12 13:36:41	Luce	10	0		
2020/09/12 13:36:41	Mackinac	36	0	15	0
2020/09/12 13:36:41	Macomb	13177	954	496	48
2020/09/12 13:36:41	Manistee	63	2	6	0
2020/09/12 13:36:41	Marquette	239	11	45	0
2020/09/12 13:36:41	Mason	113	0	16	0
2020/09/12 13:36:41	Mecosta	152	2	11	0
2020/09/12 13:36:41	Menominee	236	0	31	0
2020/09/12 13:36:41	Midland	413	11	95	0
2020/09/12 13:36:41	Missaukee	39	1	15	0
2020/09/12 13:36:41	Monroe	1269	28	158	1
2020/09/12 13:36:41	Montcalm	237	4	20	0
2020/09/12 13:36:41	Montmorency	12	0	1	0
2020/09/12 13:36:41	Muskegon	1374	69	62	0
2020/09/12 13:36:41	Newaygo	295	1	14	0
2020/09/12 13:36:41	Oakland	15559	1135	3789	49
2020/09/12 13:36:41	Oceana	475	6	26	0
2020/09/12 13:36:41	Ogemaw	45	5	15	0
2020/09/12 13:36:41	Ontonagon	36	0	1	0
2020/09/12 13:36:41	Osceola	77	0	9	0
2020/09/12 13:36:41	Oscoda	22	1	7	0
2020/09/12 13:36:41	Otsego	135	11	22	0
2020/09/12 13:36:41	Ottawa	2732	60	145	5
2020/09/12 13:36:41	Presque Isle	21	1	2	0
2020/09/12 13:36:41	Roscommon	66	4	17	0
2020/09/12 13:36:41	Saginaw	2575	130	182	4
2020/09/12 13:36:41	Sanilac	127	6	5	1
2020/09/12 13:36:41	Schoolcraft	16	0	1	0
2020/09/12 13:36:41	Shiawassee	441	29	31	1
2020/09/12 13:36:41	St Clair	824	52	130	1
2020/09/12 13:36:41	St Joseph	615	11	93	0
2020/09/12 13:36:41	Tuscola	416	29	55	0
2020/09/12 13:36:41	Van Buren	619	15	81	2
2020/09/12 13:36:41	Washtenaw	2814	114	348	0
2020/09/12 13:36:41	Wayne	17163	1259	1056	51
2020/09/12 13:36:41	Wexford	99	4	16	0
2020/09/12 13:36:41	MDOC	5496	70	8	0
2020/09/12 13:36:41	FCI	191	5	5	0
2020/09/12 13:36:41	Out-of-State	221	1	6	1
2020/09/12 13:36:41	Unknown	1	0	15	0
2020/09/12 13:36:41	Detroit City	13991	1513	1041	118

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2020-09-12

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	6	0
Confirmed	10-19	American Indian/Alaska Native	Female	26	0
Confirmed	20-29	American Indian/Alaska Native	Female	48	0
Confirmed	30-39	American Indian/Alaska Native	Female	42	0
Confirmed	40-49	American Indian/Alaska Native	Female	42	0
Confirmed	50-59	American Indian/Alaska Native	Female	49	0
Confirmed	60-69	American Indian/Alaska Native	Female	22	Suppressed
Confirmed	70-79	American Indian/Alaska Native	Female	18	Suppressed
Confirmed	80+	American Indian/Alaska Native	Female	6	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Female	0	0
Confirmed	0-9	Asian/Pacific Islander	Female	18	0
Confirmed	10-19	Asian/Pacific Islander	Female	58	0
Confirmed	20-29	Asian/Pacific Islander	Female	191	0
Confirmed	30-39	Asian/Pacific Islander	Female	223	0
Confirmed	40-49	Asian/Pacific Islander	Female	215	0
Confirmed	50-59	Asian/Pacific Islander	Female	179	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Female	107	Suppressed
Confirmed	70-79	Asian/Pacific Islander	Female	51	11
Confirmed	80+	Asian/Pacific Islander	Female	57	23
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	179	Suppressed
Confirmed	10-19	Black/African American	Female	482	Suppressed
Confirmed	20-29	Black/African American	Female	2050	Suppressed
Confirmed	30-39	Black/African American	Female	2032	8
Confirmed	40-49	Black/African American	Female	2169	52
Confirmed	50-59	Black/African American	Female	2103	108
Confirmed	60-69	Black/African American	Female	1912	230
Confirmed	70-79	Black/African American	Female	1323	322
Confirmed	80+	Black/African American	Female	1039	425
Confirmed	Unknown	Black/African American	Female	Suppressed	0
Confirmed	0-9	Multiple Races	Female	71	0
Confirmed	10-19	Multiple Races	Female	352	Suppressed
Confirmed	20-29	Multiple Races	Female	848	0
Confirmed	30-39	Multiple Races	Female	640	Suppressed
Confirmed	40-49	Multiple Races	Female	737	Suppressed
Confirmed	50-59	Multiple Races	Female	760	Suppressed
Confirmed	60-69	Multiple Races	Female	470	Suppressed
Confirmed	70-79	Multiple Races	Female	220	11
Confirmed	80+	Multiple Races	Female	213	22
Confirmed	Unknown	Multiple Races	Female	Suppressed	0
Confirmed	0-9	Other	Female	138	0
Confirmed	10-19	Other	Female	458	0
Confirmed	20-29	Other	Female	840	0
Confirmed	30-39	Other	Female	603	Suppressed
Confirmed	40-49	Other	Female	584	Suppressed
Confirmed	50-59	Other	Female	406	Suppressed
Confirmed	60-69	Other	Female	266	15

Confirmed	70-79	Other	Female	133	15
Confirmed	80+	Other	Female	110	22
Confirmed	Unknown	Other	Female	0	0
Confirmed	0-9	Unknown	Female	111	0
Confirmed	10-19	Unknown	Female	684	0
Confirmed	20-29	Unknown	Female	1305	0
Confirmed	30-39	Unknown	Female	1060	0
Confirmed	40-49	Unknown	Female	1176	Suppressed
Confirmed	50-59	Unknown	Female	1192	6
Confirmed	60-69	Unknown	Female	876	13
Confirmed	70-79	Unknown	Female	500	19
Confirmed	80+	Unknown	Female	544	34
Confirmed	Unknown	Unknown	Female	28	0
Confirmed	0-9	White	Female	460	0
Confirmed	10-19	White	Female	2773	Suppressed
Confirmed	20-29	White	Female	5568	Suppressed
Confirmed	30-39	White	Female	3416	10
Confirmed	40-49	White	Female	3525	23
Confirmed	50-59	White	Female	3874	67
Confirmed	60-69	White	Female	3053	178
Confirmed	70-79	White	Female	2212	385
Confirmed	80+	White	Female	3179	1102
Confirmed	Unknown	White	Female	22	0
Confirmed	0-9	American Indian/Alaska Native	Male	9	0
Confirmed	10-19	American Indian/Alaska Native	Male	11	0
Confirmed	20-29	American Indian/Alaska Native	Male	39	0
Confirmed	30-39	American Indian/Alaska Native	Male	40	0
Confirmed	40-49	American Indian/Alaska Native	Male	45	0
Confirmed	50-59	American Indian/Alaska Native	Male	40	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	33	6
Confirmed	70-79	American Indian/Alaska Native	Male	17	6
Confirmed	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	38	0
Confirmed	10-19	Asian/Pacific Islander	Male	62	0
Confirmed	20-29	Asian/Pacific Islander	Male	206	0
Confirmed	30-39	Asian/Pacific Islander	Male	201	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	174	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	145	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	110	13
Confirmed	70-79	Asian/Pacific Islander	Male	50	14
Confirmed	80+	Asian/Pacific Islander	Male	34	16
Confirmed	Unknown	Asian/Pacific Islander	Male	0	0
Confirmed	0-9	Black/African American	Male	173	0
Confirmed	10-19	Black/African American	Male	471	0
Confirmed	20-29	Black/African American	Male	1575	10
Confirmed	30-39	Black/African American	Male	1669	29
Confirmed	40-49	Black/African American	Male	1863	72
Confirmed	50-59	Black/African American	Male	2201	194
Confirmed	60-69	Black/African American	Male	2060	344

Confirmed	70-79	Black/African American	Male	1301	416
Confirmed	80+	Black/African American	Male	604	306
Confirmed	Unknown	Black/African American	Male	Suppressed	0
Confirmed	0-9	Multiple Races	Male	99	0
Confirmed	10-19	Multiple Races	Male	319	0
Confirmed	20-29	Multiple Races	Male	644	0
Confirmed	30-39	Multiple Races	Male	506	0
Confirmed	40-49	Multiple Races	Male	555	Suppressed
Confirmed	50-59	Multiple Races	Male	559	Suppressed
Confirmed	60-69	Multiple Races	Male	400	21
Confirmed	70-79	Multiple Races	Male	201	14
Confirmed	80+	Multiple Races	Male	89	17
Confirmed	Unknown	Multiple Races	Male	Suppressed	0
Confirmed	0-9	Other	Male	160	0
Confirmed	10-19	Other	Male	463	0
Confirmed	20-29	Other	Male	917	Suppressed
Confirmed	30-39	Other	Male	725	Suppressed
Confirmed	40-49	Other	Male	636	6
Confirmed	50-59	Other	Male	459	9
Confirmed	60-69	Other	Male	282	24
Confirmed	70-79	Other	Male	141	19
Confirmed	80+	Other	Male	60	13
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	146	0
Confirmed	10-19	Unknown	Male	722	0
Confirmed	20-29	Unknown	Male	1405	0
Confirmed	30-39	Unknown	Male	1245	Suppressed
Confirmed	40-49	Unknown	Male	1293	10
Confirmed	50-59	Unknown	Male	1281	8
Confirmed	60-69	Unknown	Male	938	15
Confirmed	70-79	Unknown	Male	436	23
Confirmed	80+	Unknown	Male	255	29
Confirmed	Unknown	Unknown	Male	22	0
Confirmed	0-9	White	Male	545	0
Confirmed	10-19	White	Male	2288	0
Confirmed	20-29	White	Male	4533	7
Confirmed	30-39	White	Male	3291	14
Confirmed	40-49	White	Male	3231	38
Confirmed	50-59	White	Male	3872	123
Confirmed	60-69	White	Male	3298	299
Confirmed	70-79	White	Male	2242	512
Confirmed	80+	White	Male	1755	801
Confirmed	Unknown	White	Male	15	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	0	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	0	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	0	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	0	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	0	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	0	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	0	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	0	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	0	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	0	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	0	0
Confirmed	10-19	Black/African American	Unknown	Suppressed	0
Confirmed	20-29	Black/African American	Unknown	Suppressed	0
Confirmed	30-39	Black/African American	Unknown	Suppressed	0
Confirmed	40-49	Black/African American	Unknown	Suppressed	0
Confirmed	50-59	Black/African American	Unknown	Suppressed	0
Confirmed	60-69	Black/African American	Unknown	Suppressed	0
Confirmed	70-79	Black/African American	Unknown	Suppressed	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	0	0
Confirmed	0-9	Multiple Races	Unknown	0	0
Confirmed	10-19	Multiple Races	Unknown	Suppressed	0
Confirmed	20-29	Multiple Races	Unknown	Suppressed	0
Confirmed	30-39	Multiple Races	Unknown	Suppressed	0
Confirmed	40-49	Multiple Races	Unknown	0	0
Confirmed	50-59	Multiple Races	Unknown	Suppressed	0
Confirmed	60-69	Multiple Races	Unknown	Suppressed	0
Confirmed	70-79	Multiple Races	Unknown	Suppressed	0
Confirmed	80+	Multiple Races	Unknown	0	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	Suppressed	0
Confirmed	10-19	Other	Unknown	Suppressed	0
Confirmed	20-29	Other	Unknown	0	0
Confirmed	30-39	Other	Unknown	Suppressed	0
Confirmed	40-49	Other	Unknown	Suppressed	0
Confirmed	50-59	Other	Unknown	Suppressed	0
Confirmed	60-69	Other	Unknown	Suppressed	0
Confirmed	70-79	Other	Unknown	0	0
Confirmed	80+	Other	Unknown	0	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	7	0
Confirmed	10-19	Unknown	Unknown	16	0
Confirmed	20-29	Unknown	Unknown	39	0
Confirmed	30-39	Unknown	Unknown	21	0
Confirmed	40-49	Unknown	Unknown	31	0
Confirmed	50-59	Unknown	Unknown	25	0
Confirmed	60-69	Unknown	Unknown	8	0

Confirmed	70-79	Unknown	Unknown	Suppressed	0
Confirmed	80+	Unknown	Unknown	6	0
Confirmed	Unknown	Unknown	Unknown	Suppressed	0
Confirmed	0-9	White	Unknown	0	0
Confirmed	10-19	White	Unknown	11	0
Confirmed	20-29	White	Unknown	9	0
Confirmed	30-39	White	Unknown	6	0
Confirmed	40-49	White	Unknown	6	0
Confirmed	50-59	White	Unknown	Suppressed	0
Confirmed	60-69	White	Unknown	7	0
Confirmed	70-79	White	Unknown	Suppressed	0
Confirmed	80+	White	Unknown	Suppressed	0
Confirmed	Unknown	White	Unknown	0	0
Probable	0-9	American Indian/Alaska Native	Female	Suppressed	0
Probable	10-19	American Indian/Alaska Native	Female	0	0
Probable	20-29	American Indian/Alaska Native	Female	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Female	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Female	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Female	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Female	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Female	Suppressed	0
Probable	80+	American Indian/Alaska Native	Female	0	0
Probable	Unknown	American Indian/Alaska Native	Female	0	0
Probable	0-9	Asian/Pacific Islander	Female	9	0
Probable	10-19	Asian/Pacific Islander	Female	9	0
Probable	20-29	Asian/Pacific Islander	Female	21	0
Probable	30-39	Asian/Pacific Islander	Female	16	0
Probable	40-49	Asian/Pacific Islander	Female	7	0
Probable	50-59	Asian/Pacific Islander	Female	13	0
Probable	60-69	Asian/Pacific Islander	Female	Suppressed	0
Probable	70-79	Asian/Pacific Islander	Female	Suppressed	0
Probable	80+	Asian/Pacific Islander	Female	0	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	23	0
Probable	10-19	Black/African American	Female	40	0
Probable	20-29	Black/African American	Female	114	0
Probable	30-39	Black/African American	Female	97	0
Probable	40-49	Black/African American	Female	124	Suppressed
Probable	50-59	Black/African American	Female	134	6
Probable	60-69	Black/African American	Female	111	12
Probable	70-79	Black/African American	Female	49	12
Probable	80+	Black/African American	Female	38	27
Probable	Unknown	Black/African American	Female	Suppressed	0
Probable	0-9	Multiple Races	Female	17	0
Probable	10-19	Multiple Races	Female	26	0
Probable	20-29	Multiple Races	Female	43	0
Probable	30-39	Multiple Races	Female	24	0
Probable	40-49	Multiple Races	Female	53	0
Probable	50-59	Multiple Races	Female	57	0
Probable	60-69	Multiple Races	Female	42	0

Probable	70-79	Multiple Races	Female	11	0
Probable	80+	Multiple Races	Female	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Female	10	0
Probable	0-9	Other	Female	20	0
Probable	10-19	Other	Female	37	0
Probable	20-29	Other	Female	41	0
Probable	30-39	Other	Female	43	0
Probable	40-49	Other	Female	34	0
Probable	50-59	Other	Female	25	Suppressed
Probable	60-69	Other	Female	16	Suppressed
Probable	70-79	Other	Female	8	0
Probable	80+	Other	Female	Suppressed	0
Probable	Unknown	Other	Female	Suppressed	0
Probable	0-9	Unknown	Female	39	0
Probable	10-19	Unknown	Female	174	0
Probable	20-29	Unknown	Female	379	0
Probable	30-39	Unknown	Female	300	0
Probable	40-49	Unknown	Female	405	0
Probable	50-59	Unknown	Female	406	0
Probable	60-69	Unknown	Female	339	Suppressed
Probable	70-79	Unknown	Female	133	0
Probable	80+	Unknown	Female	68	Suppressed
Probable	Unknown	Unknown	Female	33	0
Probable	0-9	White	Female	129	0
Probable	10-19	White	Female	272	0
Probable	20-29	White	Female	463	0
Probable	30-39	White	Female	314	0
Probable	40-49	White	Female	383	Suppressed
Probable	50-59	White	Female	422	Suppressed
Probable	60-69	White	Female	262	16
Probable	70-79	White	Female	142	19
Probable	80+	White	Female	104	52
Probable	Unknown	White	Female	34	0
Probable	0-9	American Indian/Alaska Native	Male	0	0
Probable	10-19	American Indian/Alaska Native	Male	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Male	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Male	Suppressed	0
Probable	40-49	American Indian/Alaska Native	Male	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Male	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Male	Suppressed	0
Probable	70-79	American Indian/Alaska Native	Male	0	0
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	0	0
Probable	0-9	Asian/Pacific Islander	Male	14	0
Probable	10-19	Asian/Pacific Islander	Male	Suppressed	0
Probable	20-29	Asian/Pacific Islander	Male	17	0
Probable	30-39	Asian/Pacific Islander	Male	19	0
Probable	40-49	Asian/Pacific Islander	Male	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Male	7	0
Probable	60-69	Asian/Pacific Islander	Male	Suppressed	0

Probable	70-79	Asian/Pacific Islander	Male	Suppressed	Suppressed
Probable	80+	Asian/Pacific Islander	Male	0	0
Probable	Unknown	Asian/Pacific Islander	Male	0	0
Probable	0-9	Black/African American	Male	33	0
Probable	10-19	Black/African American	Male	36	0
Probable	20-29	Black/African American	Male	58	0
Probable	30-39	Black/African American	Male	55	0
Probable	40-49	Black/African American	Male	55	8
Probable	50-59	Black/African American	Male	85	8
Probable	60-69	Black/African American	Male	90	23
Probable	70-79	Black/African American	Male	45	25
Probable	80+	Black/African American	Male	19	15
Probable	Unknown	Black/African American	Male	Suppressed	0
Probable	0-9	Multiple Races	Male	18	0
Probable	10-19	Multiple Races	Male	24	0
Probable	20-29	Multiple Races	Male	40	0
Probable	30-39	Multiple Races	Male	33	0
Probable	40-49	Multiple Races	Male	45	0
Probable	50-59	Multiple Races	Male	32	0
Probable	60-69	Multiple Races	Male	24	0
Probable	70-79	Multiple Races	Male	11	0
Probable	80+	Multiple Races	Male	Suppressed	Suppressed
Probable	Unknown	Multiple Races	Male	12	0
Probable	0-9	Other	Male	20	0
Probable	10-19	Other	Male	39	0
Probable	20-29	Other	Male	47	0
Probable	30-39	Other	Male	36	0
Probable	40-49	Other	Male	31	0
Probable	50-59	Other	Male	20	0
Probable	60-69	Other	Male	16	Suppressed
Probable	70-79	Other	Male	7	Suppressed
Probable	80+	Other	Male	Suppressed	0
Probable	Unknown	Other	Male	Suppressed	0
Probable	0-9	Unknown	Male	44	0
Probable	10-19	Unknown	Male	167	0
Probable	20-29	Unknown	Male	300	0
Probable	30-39	Unknown	Male	289	Suppressed
Probable	40-49	Unknown	Male	284	Suppressed
Probable	50-59	Unknown	Male	306	0
Probable	60-69	Unknown	Male	223	Suppressed
Probable	70-79	Unknown	Male	93	Suppressed
Probable	80+	Unknown	Male	37	Suppressed
Probable	Unknown	Unknown	Male	25	0
Probable	0-9	White	Male	149	0
Probable	10-19	White	Male	264	0
Probable	20-29	White	Male	387	Suppressed
Probable	30-39	White	Male	257	Suppressed
Probable	40-49	White	Male	251	Suppressed
Probable	50-59	White	Male	311	6
Probable	60-69	White	Male	235	14

Probable	70-79	White	Male	95	13
Probable	80+	White	Male	68	26
Probable	Unknown	White	Male	23	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	0	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	0	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	0	0
Probable	30-39	Asian/Pacific Islander	Unknown	0	0
Probable	40-49	Asian/Pacific Islander	Unknown	0	0
Probable	50-59	Asian/Pacific Islander	Unknown	0	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	0	0
Probable	0-9	Black/African American	Unknown	0	0
Probable	10-19	Black/African American	Unknown	0	0
Probable	20-29	Black/African American	Unknown	0	0
Probable	30-39	Black/African American	Unknown	0	0
Probable	40-49	Black/African American	Unknown	0	0
Probable	50-59	Black/African American	Unknown	0	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	0	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	Suppressed	0
Probable	0-9	Multiple Races	Unknown	Suppressed	0
Probable	10-19	Multiple Races	Unknown	0	0
Probable	20-29	Multiple Races	Unknown	Suppressed	0
Probable	30-39	Multiple Races	Unknown	Suppressed	0
Probable	40-49	Multiple Races	Unknown	Suppressed	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	0	0
Probable	0-9	Other	Unknown	0	0
Probable	10-19	Other	Unknown	0	0
Probable	20-29	Other	Unknown	0	0
Probable	30-39	Other	Unknown	0	0
Probable	40-49	Other	Unknown	0	0
Probable	50-59	Other	Unknown	Suppressed	0
Probable	60-69	Other	Unknown	0	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	Suppressed	0
Probable	0-9	Unknown	Unknown	11	0
Probable	10-19	Unknown	Unknown	12	0
Probable	20-29	Unknown	Unknown	27	0
Probable	30-39	Unknown	Unknown	23	0
Probable	40-49	Unknown	Unknown	19	0
Probable	50-59	Unknown	Unknown	11	0
Probable	60-69	Unknown	Unknown	13	0
Probable	70-79	Unknown	Unknown	6	0
Probable	80+	Unknown	Unknown	Suppressed	0
Probable	Unknown	Unknown	Unknown	373	0
Probable	0-9	White	Unknown	Suppressed	0
Probable	10-19	White	Unknown	Suppressed	0
Probable	20-29	White	Unknown	Suppressed	0
Probable	30-39	White	Unknown	Suppressed	0
Probable	40-49	White	Unknown	Suppressed	0
Probable	50-59	White	Unknown	6	0
Probable	60-69	White	Unknown	0	0
Probable	70-79	White	Unknown	0	0
Probable	80+	White	Unknown	0	0
Probable	Unknown	White	Unknown	7	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2020-09-12

Updated	COUNTY	TestType	Count	RatePerMillion
2020/09/12 13:36:45	Alcona	Diagnostic	1865	179241
2020/09/12 13:36:45	Alcona	Serology	47	4517
2020/09/12 13:36:45	Alcona	Total	1912	183758
2020/09/12 13:36:45	Alger	Serology	66	7246
2020/09/12 13:36:45	Alger	Diagnostic	1047	114954
2020/09/12 13:36:45	Alger	Total	1113	122200
2020/09/12 13:36:45	Allegan	Serology	768	6504
2020/09/12 13:36:45	Allegan	Diagnostic	28408	240581
2020/09/12 13:36:45	Allegan	Total	29176	247085
2020/09/12 13:36:45	Alpena	Diagnostic	2560	90125
2020/09/12 13:36:45	Alpena	Serology	130	4577
2020/09/12 13:36:45	Alpena	Total	2690	94702
2020/09/12 13:36:45	Antrim	Diagnostic	4736	203053
2020/09/12 13:36:45	Antrim	Serology	83	3559
2020/09/12 13:36:45	Antrim	Total	4819	206611
2020/09/12 13:36:45	Arenac	Diagnostic	3529	237116
2020/09/12 13:36:45	Arenac	Serology	125	8399
2020/09/12 13:36:45	Arenac	Total	3654	245515
2020/09/12 13:36:45	Baraga	Diagnostic	1936	235839
2020/09/12 13:36:45	Baraga	Serology	41	4995
2020/09/12 13:36:45	Baraga	Total	1977	240833
2020/09/12 13:36:45	Barry	Diagnostic	14991	243558
2020/09/12 13:36:45	Barry	Serology	609	9894
2020/09/12 13:36:45	Barry	Total	15600	253452
2020/09/12 13:36:45	Bay	Diagnostic	31577	306198
2020/09/12 13:36:45	Bay	Serology	1235	11976
2020/09/12 13:36:45	Bay	Total	32812	318174
2020/09/12 13:36:45	Benzie	Diagnostic	3679	207081
2020/09/12 13:36:45	Benzie	Serology	43	2420
2020/09/12 13:36:45	Benzie	Total	3722	209501
2020/09/12 13:36:45	Berrien	Diagnostic	59911	390552
2020/09/12 13:36:45	Berrien	Serology	1782	11617
2020/09/12 13:36:45	Berrien	Total	61693	402168
2020/09/12 13:36:45	Branch	Diagnostic	8368	192293
2020/09/12 13:36:45	Branch	Serology	142	3263
2020/09/12 13:36:45	Branch	Total	8510	195556
2020/09/12 13:36:45	Calhoun	Diagnostic	46112	343712
2020/09/12 13:36:45	Calhoun	Serology	708	5277
2020/09/12 13:36:45	Calhoun	Total	46820	348989
2020/09/12 13:36:45	Cass	Diagnostic	9330	180161
2020/09/12 13:36:45	Cass	Serology	226	4364
2020/09/12 13:36:45	Cass	Total	9556	184525
2020/09/12 13:36:45	Charlevoix	Diagnostic	6093	233064
2020/09/12 13:36:45	Charlevoix	Serology	323	12355
2020/09/12 13:36:45	Charlevoix	Total	6416	245419
2020/09/12 13:36:45	Cheboygan	Diagnostic	3116	123279
2020/09/12 13:36:45	Cheboygan	Serology	190	7517

2020/09/12 13:36:45	Cheboygan	Total	3306	130796
2020/09/12 13:36:45	Chippewa	Diagnostic	4618	123645
2020/09/12 13:36:45	Chippewa	Serology	90	2410
2020/09/12 13:36:45	Chippewa	Total	4708	126054
2020/09/12 13:36:45	Clare	Diagnostic	4438	143393
2020/09/12 13:36:45	Clare	Serology	222	7173
2020/09/12 13:36:45	Clare	Total	4660	150565
2020/09/12 13:36:45	Clinton	Serology	2465	30969
2020/09/12 13:36:45	Clinton	Diagnostic	15869	199372
2020/09/12 13:36:45	Clinton	Total	18334	230341
2020/09/12 13:36:45	Correctional	Serology	10892	
2020/09/12 13:36:45	Correctional	Diagnostic	79035	
2020/09/12 13:36:45	Correctional	Total	89927	
2020/09/12 13:36:45	Crawford	Diagnostic	2502	178345
2020/09/12 13:36:45	Crawford	Serology	51	3635
2020/09/12 13:36:45	Crawford	Total	2553	181980
2020/09/12 13:36:45	Delta	Diagnostic	9189	256791
2020/09/12 13:36:45	Delta	Serology	229	6400
2020/09/12 13:36:45	Delta	Total	9418	263190
2020/09/12 13:36:45	Detroit City	Diagnostic	250552	385581
2020/09/12 13:36:45	Detroit City	Serology	13731	21131
2020/09/12 13:36:45	Detroit City	Total	264283	406712
2020/09/12 13:36:45	Dickinson	Diagnostic	3511	139110
2020/09/12 13:36:45	Dickinson	Serology	69	2734
2020/09/12 13:36:45	Dickinson	Total	3580	141844
2020/09/12 13:36:45	Eaton	Serology	3747	33981
2020/09/12 13:36:45	Eaton	Diagnostic	33815	306662
2020/09/12 13:36:45	Eaton	Total	37562	340643
2020/09/12 13:36:45	Emmet	Serology	787	23552
2020/09/12 13:36:45	Emmet	Diagnostic	7699	230406
2020/09/12 13:36:45	Emmet	Total	8486	253958
2020/09/12 13:36:45	Genesee	Serology	10276	25322
2020/09/12 13:36:45	Genesee	Diagnostic	85801	211430
2020/09/12 13:36:45	Genesee	Total	96077	236752
2020/09/12 13:36:45	Gladwin	Serology	132	5187
2020/09/12 13:36:45	Gladwin	Diagnostic	4762	187119
2020/09/12 13:36:45	Gladwin	Total	4894	192306
2020/09/12 13:36:45	Gogebic	Diagnostic	6268	448515
2020/09/12 13:36:45	Gogebic	Serology	43	3077
2020/09/12 13:36:45	Gogebic	Total	6311	451592
2020/09/12 13:36:45	Grand Traverse	Diagnostic	20770	223122
2020/09/12 13:36:45	Grand Traverse	Serology	418	4490
2020/09/12 13:36:45	Grand Traverse	Total	21188	227613
2020/09/12 13:36:45	Gratiot	Diagnostic	13906	341578
2020/09/12 13:36:45	Gratiot	Serology	345	8474
2020/09/12 13:36:45	Gratiot	Total	14251	350053
2020/09/12 13:36:45	Hillsdale	Diagnostic	10080	221028
2020/09/12 13:36:45	Hillsdale	Serology	291	6381
2020/09/12 13:36:45	Hillsdale	Total	10371	227409
2020/09/12 13:36:45	Houghton	Diagnostic	7927	222144

2020/09/12 13:36:45	Houghton	Serology	122	3419
2020/09/12 13:36:45	Houghton	Total	8049	225563
2020/09/12 13:36:45	Huron	Diagnostic	8472	273458
2020/09/12 13:36:45	Huron	Serology	251	8102
2020/09/12 13:36:45	Huron	Total	8723	281560
2020/09/12 13:36:45	Ingham	Diagnostic	94967	324778
2020/09/12 13:36:45	Ingham	Serology	12690	43399
2020/09/12 13:36:45	Ingham	Total	107657	368176
2020/09/12 13:36:45	Ionia	Diagnostic	17661	272980
2020/09/12 13:36:45	Ionia	Serology	994	15364
2020/09/12 13:36:45	Ionia	Total	18655	288344
2020/09/12 13:36:45	Iosco	Serology	150	5970
2020/09/12 13:36:45	Iosco	Diagnostic	6424	255661
2020/09/12 13:36:45	Iosco	Total	6574	261631
2020/09/12 13:36:45	Iron	Diagnostic	5305	479396
2020/09/12 13:36:45	Iron	Serology	17	1536
2020/09/12 13:36:45	Iron	Total	5322	480933
2020/09/12 13:36:45	Isabella	Diagnostic	11240	160866
2020/09/12 13:36:45	Isabella	Serology	475	6798
2020/09/12 13:36:45	Isabella	Total	11715	167664
2020/09/12 13:36:45	Jackson	Diagnostic	54990	346918
2020/09/12 13:36:45	Jackson	Serology	1340	8454
2020/09/12 13:36:45	Jackson	Total	56330	355372
2020/09/12 13:36:45	Kalamazoo	Diagnostic	70376	265504
2020/09/12 13:36:45	Kalamazoo	Serology	2407	9081
2020/09/12 13:36:45	Kalamazoo	Total	72783	274584
2020/09/12 13:36:45	Kalkaska	Diagnostic	5253	291219
2020/09/12 13:36:45	Kalkaska	Serology	36	1996
2020/09/12 13:36:45	Kalkaska	Total	5289	293214
2020/09/12 13:36:45	Kent	Serology	12614	19201
2020/09/12 13:36:45	Kent	Diagnostic	221740	337527
2020/09/12 13:36:45	Kent	Total	234354	356728
2020/09/12 13:36:45	Keweenaw	Serology	14	6616
2020/09/12 13:36:45	Keweenaw	Diagnostic	466	220227
2020/09/12 13:36:45	Keweenaw	Total	480	226843
2020/09/12 13:36:45	Lake	Diagnostic	3103	261790
2020/09/12 13:36:45	Lake	Serology	107	9027
2020/09/12 13:36:45	Lake	Total	3210	270818
2020/09/12 13:36:45	Lapeer	Serology	1561	17818
2020/09/12 13:36:45	Lapeer	Diagnostic	15593	177988
2020/09/12 13:36:45	Lapeer	Total	17154	195806
2020/09/12 13:36:45	Leelanau	Diagnostic	3472	159551
2020/09/12 13:36:45	Leelanau	Serology	88	4044
2020/09/12 13:36:45	Leelanau	Total	3560	163595
2020/09/12 13:36:45	Lenawee	Serology	753	7648
2020/09/12 13:36:45	Lenawee	Diagnostic	21681	220221
2020/09/12 13:36:45	Lenawee	Total	22434	227870
2020/09/12 13:36:45	Livingston	Diagnostic	48702	253663
2020/09/12 13:36:45	Livingston	Serology	4332	22563
2020/09/12 13:36:45	Livingston	Total	53034	276226

2020/09/12 13:36:45	Luce	Diagnostic	1152	184941
2020/09/12 13:36:45	Luce	Serology	35	5619
2020/09/12 13:36:45	Luce	Total	1187	190560
2020/09/12 13:36:45	Mackinac	Diagnostic	1875	173627
2020/09/12 13:36:45	Mackinac	Serology	43	3982
2020/09/12 13:36:45	Mackinac	Total	1918	177609
2020/09/12 13:36:45	Macomb	Diagnostic	214589	245533
2020/09/12 13:36:45	Macomb	Serology	27684	31676
2020/09/12 13:36:45	Macomb	Total	242273	277209
2020/09/12 13:36:45	Manistee	Diagnostic	4172	169884
2020/09/12 13:36:45	Manistee	Serology	129	5253
2020/09/12 13:36:45	Manistee	Total	4301	175136
2020/09/12 13:36:45	Marquette	Serology	886	13284
2020/09/12 13:36:45	Marquette	Diagnostic	28287	424099
2020/09/12 13:36:45	Marquette	Total	29173	437383
2020/09/12 13:36:45	Mason	Serology	411	14102
2020/09/12 13:36:45	Mason	Diagnostic	9362	321233
2020/09/12 13:36:45	Mason	Total	9773	335335
2020/09/12 13:36:45	Mecosta	Diagnostic	10168	234000
2020/09/12 13:36:45	Mecosta	Serology	403	9274
2020/09/12 13:36:45	Mecosta	Total	10571	243274
2020/09/12 13:36:45	Menominee	Diagnostic	4126	181124
2020/09/12 13:36:45	Menominee	Serology	39	1712
2020/09/12 13:36:45	Menominee	Total	4165	182836
2020/09/12 13:36:45	Midland	Diagnostic	12066	145101
2020/09/12 13:36:45	Midland	Serology	794	9548
2020/09/12 13:36:45	Midland	Total	12860	154649
2020/09/12 13:36:45	Missaukee	Diagnostic	2640	174626
2020/09/12 13:36:45	Missaukee	Serology	69	4564
2020/09/12 13:36:45	Missaukee	Total	2709	179190
2020/09/12 13:36:45	Monroe	Diagnostic	32814	218033
2020/09/12 13:36:45	Monroe	Serology	2489	16538
2020/09/12 13:36:45	Monroe	Total	35303	234571
2020/09/12 13:36:45	Montcalm	Diagnostic	18461	288959
2020/09/12 13:36:45	Montcalm	Serology	898	14056
2020/09/12 13:36:45	Montcalm	Total	19359	303015
2020/09/12 13:36:45	Montmorency	Diagnostic	1206	129288
2020/09/12 13:36:45	Montmorency	Serology	83	8898
2020/09/12 13:36:45	Montmorency	Total	1289	138186
2020/09/12 13:36:45	Muskegon	Serology	1202	6925
2020/09/12 13:36:45	Muskegon	Diagnostic	57957	333919
2020/09/12 13:36:45	Muskegon	Total	59159	340844
2020/09/12 13:36:45	Newaygo	Diagnostic	12690	259085
2020/09/12 13:36:45	Newaygo	Serology	566	11556
2020/09/12 13:36:45	Newaygo	Total	13256	270641
2020/09/12 13:36:45	Oakland	Diagnostic	335774	266999
2020/09/12 13:36:45	Oakland	Serology	60708	48274
2020/09/12 13:36:45	Oakland	Total	396482	315273
2020/09/12 13:36:45	Oceana	Diagnostic	10834	409340
2020/09/12 13:36:45	Oceana	Serology	275	10390

2020/09/12 13:36:45	Oceana	Total	11109	419730
2020/09/12 13:36:45	Ogemaw	Diagnostic	3774	179740
2020/09/12 13:36:45	Ogemaw	Serology	107	5096
2020/09/12 13:36:45	Ogemaw	Total	3881	184836
2020/09/12 13:36:45	Ontonagon	Diagnostic	2092	365734
2020/09/12 13:36:45	Ontonagon	Serology	18	3147
2020/09/12 13:36:45	Ontonagon	Total	2110	368881
2020/09/12 13:36:45	Osceola	Serology	228	9719
2020/09/12 13:36:45	Osceola	Diagnostic	7129	303879
2020/09/12 13:36:45	Osceola	Total	7357	313598
2020/09/12 13:36:45	Oscoda	Diagnostic	1133	137483
2020/09/12 13:36:45	Oscoda	Serology	16	1942
2020/09/12 13:36:45	Oscoda	Total	1149	139425
2020/09/12 13:36:45	Otsego	Diagnostic	3603	146060
2020/09/12 13:36:45	Otsego	Serology	238	9648
2020/09/12 13:36:45	Otsego	Total	3841	155708
2020/09/12 13:36:45	Ottawa	Serology	3922	13439
2020/09/12 13:36:45	Ottawa	Diagnostic	89388	306302
2020/09/12 13:36:45	Ottawa	Total	93310	319741
2020/09/12 13:36:45	Presque Isle	Diagnostic	1611	127938
2020/09/12 13:36:45	Presque Isle	Serology	117	9292
2020/09/12 13:36:45	Presque Isle	Total	1728	137230
2020/09/12 13:36:45	Roscommon	Serology	246	10242
2020/09/12 13:36:45	Roscommon	Diagnostic	4899	203964
2020/09/12 13:36:45	Roscommon	Total	5145	214205
2020/09/12 13:36:45	Saginaw	Diagnostic	69077	362535
2020/09/12 13:36:45	Saginaw	Serology	1287	6755
2020/09/12 13:36:45	Saginaw	Total	70364	369289
2020/09/12 13:36:45	Sanilac	Diagnostic	10670	259169
2020/09/12 13:36:45	Sanilac	Serology	451	10955
2020/09/12 13:36:45	Sanilac	Total	11121	270124
2020/09/12 13:36:45	Schoolcraft	Diagnostic	1463	180751
2020/09/12 13:36:45	Schoolcraft	Serology	37	4571
2020/09/12 13:36:45	Schoolcraft	Total	1500	185322
2020/09/12 13:36:45	Shiawassee	Diagnostic	16696	245090
2020/09/12 13:36:45	Shiawassee	Serology	1409	20683
2020/09/12 13:36:45	Shiawassee	Total	18105	265773
2020/09/12 13:36:45	St Clair	Serology	3963	24904
2020/09/12 13:36:45	St Clair	Diagnostic	30017	188634
2020/09/12 13:36:45	St Clair	Total	33980	213539
2020/09/12 13:36:45	St Joseph	Diagnostic	16001	262466
2020/09/12 13:36:45	St Joseph	Serology	562	9219
2020/09/12 13:36:45	St Joseph	Total	16563	271685
2020/09/12 13:36:45	Tuscola	Diagnostic	17612	337104
2020/09/12 13:36:45	Tuscola	Serology	521	9972
2020/09/12 13:36:45	Tuscola	Total	18133	347076
2020/09/12 13:36:45	Unknown	Diagnostic	221018	
2020/09/12 13:36:45	Unknown	Serology	19820	
2020/09/12 13:36:45	Unknown	Total	240838	
2020/09/12 13:36:45	Van Buren	Diagnostic	24381	322172

2020/09/12 13:36:45	Van Buren	Serology	474	6263
2020/09/12 13:36:45	Van Buren	Total	24855	328435
2020/09/12 13:36:45	Washtenaw	Diagnostic	122352	332839
2020/09/12 13:36:45	Washtenaw	Serology	9900	26931
2020/09/12 13:36:45	Washtenaw	Total	132252	359771
2020/09/12 13:36:45	Wayne	Serology	39951	36194
2020/09/12 13:36:45	Wayne	Diagnostic	358566	324843
2020/09/12 13:36:45	Wayne	Total	398517	361037
2020/09/12 13:36:45	Wexford	Diagnostic	7391	219767
2020/09/12 13:36:45	Wexford	Serology	130	3865
2020/09/12 13:36:45	Wexford	Total	7521	223633

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detection facilities. Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to deduplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2020-09-12

MessageDate	COUNTY	Negative	Positive	Total
9/11/2020	Alcona	18	1	19
9/11/2020	Alger	6	0	6
9/11/2020	Allegan	363	6	369
9/11/2020	Alpena	19	0	19
9/11/2020	Antrim	47	1	48
9/11/2020	Arenac	26	0	26
9/11/2020	Baraga	36	0	36
9/11/2020	Barry	212	2	214
9/11/2020	Bay	463	15	478
9/11/2020	Benzie	42	4	46
9/11/2020	Berrien	533	29	562
9/11/2020	Branch	286	7	293
9/11/2020	Calhoun	1310	24	1334
9/11/2020	Cass	261	13	274
9/11/2020	Charlevoix	46	1	47
9/11/2020	Cheboygan	29	0	29
9/11/2020	Chippewa	21	0	21
9/11/2020	Clare	57	0	57
9/11/2020	Clinton	254	9	263
9/11/2020	Correctional	1915	30	1945
9/11/2020	Crawford	30	0	30
9/11/2020	Delta	131	2	133
9/11/2020	Detroit City	2031	52	2083
9/11/2020	Dickinson	63	0	63
9/11/2020	Eaton	361	6	367
9/11/2020	Emmet	193	4	197
9/11/2020	Genesee	1060	34	1094
9/11/2020	Gladwin	53	1	54
9/11/2020	Gogebic	10	0	10
9/11/2020	Grand Traverse	218	10	228
9/11/2020	Gratiot	75	1	76
9/11/2020	Hillsdale	84	4	88
9/11/2020	Houghton	316	2	318
9/11/2020	Huron	76	0	76
9/11/2020	Ingham	1299	68	1367
9/11/2020	Ionia	274	2	276
9/11/2020	Iosco	68	6	74
9/11/2020	Iron	158	1	159
9/11/2020	Isabella	113	3	116
9/11/2020	Jackson	821	17	838
9/11/2020	Kalamazoo	1060	48	1108
9/11/2020	Kalkaska	92	4	96
9/11/2020	Kent	2759	73	2832
9/11/2020	Keweenaw	19	0	19
9/11/2020	Lake	50	1	51
9/11/2020	Lapeer	214	7	221
9/11/2020	Leelanau	30	0	30

9/11/2020	Lenawee	409	13	422
9/11/2020	Livingston	393	21	414
9/11/2020	Luce	7	0	7
9/11/2020	Mackinac	52	0	52
9/11/2020	Macomb	1922	124	2046
9/11/2020	Manistee	104	3	107
9/11/2020	Marquette	310	3	313
9/11/2020	Mason	142	3	145
9/11/2020	Mecosta	216	13	229
9/11/2020	Menominee	111	1	112
9/11/2020	Midland	134	2	136
9/11/2020	Missaukee	33	0	33
9/11/2020	Monroe	518	15	533
9/11/2020	Montcalm	231	5	236
9/11/2020	Montmorency	16	0	16
9/11/2020	Muskegon	463	9	472
9/11/2020	Newaygo	105	3	108
9/11/2020	Oakland	3301	171	3472
9/11/2020	Oceana	52	0	52
9/11/2020	Ogemaw	17	0	17
9/11/2020	Ontonagon	32	0	32
9/11/2020	Osceola	83	7	90
9/11/2020	Oscoda	11	0	11
9/11/2020	Otsego	52	0	52
9/11/2020	Ottawa	1442	82	1524
9/11/2020	Presque Isle	14	0	14
9/11/2020	Roscommon	57	0	57
9/11/2020	Saginaw	708	17	725
9/11/2020	Sanilac	91	2	93
9/11/2020	Schoolcraft	76	0	76
9/11/2020	Shiawassee	431	2	433
9/11/2020	St Clair	345	6	351
9/11/2020	St Joseph	243	4	247
9/11/2020	Tuscola	263	2	265
9/11/2020	Unknown	1874	24	1898
9/11/2020	Van Buren	342	5	347
9/11/2020	Washtenaw	1215	26	1241
9/11/2020	Wayne	3454	185	3639
9/11/2020	Wexford	84	0	84